

00229US1.ST25.txt
SEQUENCE LISTING

<110> Benjamin, Christopher
Roberds, Steve
Ruble, Cara
Gotow, Lisa
Karnovsky, Alla

<120> Human Ion Channels

<130> 00229.US1

<150> 60/207,152

<151> 2000-05-26

<150> 60/207,257

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<160> 42

<170> PatentIn version 3.0

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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cctgtcttag tttgggctcc caaaagcag atgctgagac aaggatgtgg tttgtctagg      180
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<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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Thr Ser Ile Ile
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<212> PRT

<213> Homo sapiens

<400> 21

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<210> 22

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<212> PRT

<213> Homo sapiens

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Gly Ala Phe Leu Asn Leu
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<210> 23

<211> 29

<212> PRT

<213> Homo sapiens

<400> 23

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<210> 24

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<212> PRT

<213> Homo sapiens

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<210> 25
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 <213> Homo sapiens

<400> 25

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<400> 26

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Ile Gly

<210> 27
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 <212> PRT
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<400> 27

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 1 5 10 15

Leu Thr Leu Gly Arg Phe Leu Asn Leu
 20 25

<210> 28
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<400> 28

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Val Gly

<210> 29
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<400> 29

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Gly Tyr Gly Asp Met Ala Pro Val Thr Val Gly Gly Lys Ile Val
 20 25 30

<210> 30
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Ile Gly

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 <213> Homo sapiens

<400> 31

Val Ile Lys Ser Asn Ser Gln Gln His Ile Lys Lys Leu Ile His Tyr
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Asn Gln Val Gly Phe Ile Ser Gly Met Asp Trp Phe
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<400> 32

Asp Gln Val Arg Leu Ile Pro Gly Met Gln Thr Trp Phe Asn Ile Gln
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Lys Ser Ile Asn Val Leu His His Lys Ile Val
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Arg Trp Ser Phe Ala Leu Val Ala Gln Ala Gly Val Glu Trp His Asn
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Leu Arg Ser Arg Gln Pro
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Trp Glu Val Glu Ala
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Val Ile Ser Ala Phe Pro Thr Glu Ile Pro Gly Ser Ser His Trp Asp
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 Trp Leu Asp Arg Gly Cys Ser Pro Trp Arg Ala Ser Ser Arg Val Gly
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 Ile Gln Gly
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Glu Val Leu Lys Glu Ile Arg Lys Tyr Phe Glu Leu Asn Glu Asn Lys
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 Ile Thr Val Tyr Gln Asn Leu Leu Glu Ala Thr Lys Ala Leu Phe Arg
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 Glu Lys Phe Val Ala Leu Asn Ala Tyr Met Arg Glu Glu Glu Arg Phe
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 Ser Ile Asn Thr Leu Ser Phe His Phe Val Lys Leu Glu Lys Lys Ser
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 Lys Phe Asn Pro
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Gly Tyr Gly Asn Leu Ser Pro Asn Thr Met Ala Ala Arg Leu Phe Cys
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 Ile Phe Phe Ala Leu Val Gly Ile Pro Leu Asn Leu Val Val Leu Asn
 20 25 30
 Arg Leu Gly His Leu Met Gln Gln Gly Val Asn His
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<400> 38

Ile Ser Cys Ala Ala Ala Ile Leu Pro Phe Trp Glu Thr Gln Leu Asp
 1 5 10 15
 Phe Glu Asn Ala Phe Tyr Phe Cys Phe Val Thr Leu Thr Thr Ile Gly
 Page 12

20

25

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30

Phe Gly Asp Thr Val Leu Glu His Pro Asn Phe Phe Leu Phe Phe Ser
 35 40 45

Ile Tyr Ile Ile Val Gly Met
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